Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029047.D
Acq On : 05 Dec 2023 22:26
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 06 00:42:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	952	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	1980	0.400	ng		#-0.01
13) Acenaphthene-d10	14.396	164	1650	0.400	ng		0.00
19) Phenanthrene-d10	17.146	188	4416	0.400	ng		0.00
29) Chrysene-d12	21.347	240	3379	0.400	ng		0.00
35) Perylene-d12	23.670	264	3257	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	9240	3.310	ng		0.00
5) Phenol-d6	6.981	99	11607	3.703	ng		0.00
8) Nitrobenzene-d5	8.939	82	11055	5.423	ng		0.00
11) 2-Methylnaphthalene-d10	12.144	152	20153	6.075	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	8382	7.011	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	41026	5.610	ng		0.00
27) Fluoranthene-d10	19.185	212	66322	5.496	ng		0.00
31) Terphenyl-d14	19.794	244	40200	3.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	3314	3.700	ng		98
3) n-Nitrosodimethylamine	3.666	42	2596	2.254	ng	#	72
6) bis(2-Chloroethyl)ether	7.226	93	8603	3.318	ng		99
9) Naphthalene	10.605	128	28401	4.539	ng		95
10) Hexachlorobutadiene	10.872	225	12234	8.230	ng	#	99
12) 2-Methylnaphthalene	12.219	142	23469	5.734	ng		98
16) Acenaphthylene	14.118	152	44070	5.012	ng		100
17) Acenaphthene	14.460	154	27168	4.694	ng		99
18) Fluorene	15.455	166	43411	5.697	ng		96
20) 4,6-Dinitro-2-methylph...	15.545	198	7727	7.778	ng	#	64
21) 4-Bromophenyl-phenylether	16.352	248	19175	6.064	ng	#	94
22) Hexachlorobenzene	16.439	284	20590	5.374	ng		98
23) Atrazine	16.638	200	16612	6.019	ng		94
24) Pentachlorophenol	16.799	266	12488	6.890	ng		99
25) Phenanthrene	17.184	178	69332	4.736	ng		99
26) Anthracene	17.283	178	68779	5.076	ng		99
28) Fluoranthene	19.213	202	95547	5.990	ng		100
30) Pyrene	19.580	202	97620	4.711	ng		100
32) Benzo(a)anthracene	21.338	228	84032	5.692	ng		96
33) Chrysene	21.383	228	81043	5.595	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	48152	2.610	ng		99
36) Indeno(1,2,3-cd)pyrene	26.047	276	82055	5.606	ng		99
37) Benzo(b)fluoranthene	22.965	252	85649	6.148	ng	#	88
38) Benzo(k)fluoranthene	23.012	252	80992	6.184	ng	#	89
39) Benzo(a)pyrene	23.567	252	71297	5.780	ng	#	84
40) Dibenzo(a,h)anthracene	26.070	278	64265	5.674	ng	#	89
41) Benzo(g,h,i)perylene	26.775	276	67148	5.293	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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